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estimating cumulative queue allocation resour

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Method and apparatus for on-demand resource allocation and job management

W Lin, Z Liu, C Stavropoulos, CH Xia - US Patent App. 10/723,230, 2003 - Google Patents

... identifying the server for which a cumulative length of ... process all jobs in the server's queue is shortest ... further comprising the steps of: estimating the total ...

Web Search

CPU reservations and time constraints: efficient, predictable scheduling of independent activities - ► microsoft.com [HTML]

MB Jones, D Roşu, MC Roşu - ACM SIGOPS Operating Systems Review, 1997 - portal.acm.org

... 921 or through fixed share CPU allocation mercer et al ... The procedure stops once the estimate is reached, C ... the start time and deadline, the cumulative CPU usage ...

Cited by 321 - Related articles - Web Search - BL Direct - All 23 versions

Cello: A Disk Scheduling Framework for Next Generation Operating Systems* - ► utexas.edu

[PDF]

P Shenoy, HM Vin - Real-Time Systems, 2002 - Springer

... 2. The cumulative service time expended for all classes does ... To utilize the unused byte allocation of a class to ... 3.2.2. Exporting the State of Scheduled Queue ...

Cited by 211 - Related articles - Web Search - BL Direct - All 13 versions

Using Application Benefit for Proactive Resource Allocation in Asynchronous Real-Time Distributed ... - ► vt.edu [PDF]

T Hegazy, B Ravindran - IEEE TRANSACTIONS ON COMPUTERS, 2002 - doi.ieeeecs.org

... for transmission from the packet ready-queue of the ... to (efficiently) determine the next task for allocation by performing ... 6.2 Estimating Subtask Response Time. ...

Cited by 20 - Related articles - Web Search - Library Search - BL Direct - All 14 versions

The EDL Server for Scheduling Periodic and Soft Aperiodic Tasks with Resource Constraints

M Silly - Real-Time Systems, 1999 - Springer

... The allocation policy for resources is the ... Now, we investigate the problem of estimating localization and duration of idle times within the EDL schedule ...

Cited by 24 - Related articles - Web Search - BL Direct - All 4 versions

QoS-aware resource management for distributed multimedia applications¹ - ► ncstrl.org

[PDF]

K Nahrstedt - Journal of High Speed Networks, 1998 - IOS Press

... 6. Resource reservation and allocation graph comprising a deadlock situation ... which is used to provide a good estimate of task ... QoS-aware resource management for ...

Cited by 147 - Related articles - Web Search - BL Direct - All 15 versions

Risk and expectations in a-priori time allocation in multi-agent contracting - ► umn.edu [PDF]

A Babanov, J Collins, M Gini - Proceedings of the first international joint conference on ..., 2002 - portal.acm.org

... who has direct control over some resources or services ... of each CDF shows the time allocation for the ... the reason for introducing the cumulative probability of ...

Cited by 10 - Related articles - Web Search - All 7 versions

A task and resource scheduling system for automated planning

DP Miller - Annals of Operations Research, 1988 - Springer

... performed so far with the system, a backup queue size of ... 180 DP Miller, A task and resource scheduling system ... Relative deadline counters are also decremented. ...

Cited by 6 - Related articles - Web Search - Library Search - All 4 versions

Decision Processes in Agent-Based Automated Contracting

J Collins, C Bilot, M Gini, B Mobasher - IEEE INTERNET COMPUTING, 2001 - doi.ieeeecs.org

... tasks, the z i are the cumulative "debits" resulting ... We can estimate performance with overrun and overrun duration ... we keep them in an ordered queue of fixed ...

Cited by 52 - Related articles - Web Search - BL Direct - All 7 versions

On-Line Scheduling Policies for a Class of IRIS (Increasing Reward with Increasing Service) Real- ...

K Jayanta, DT James - IEEE TRANSACTIONS ON COMPUTERS, 1996 - doi.ieeeecs.org

... goal is to obtain an allocation of resources to activities ... at time $t = 1$, both tasks receive one unit allocation. ... the system can be modeled as a G/G/ queue. ...

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Key authors: M Jones - P Shenoy - D Roşu - M Roşu - H Vin



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